a front-end circuit operation to be coupled to the electrode pad and to receive identification information from the electrode pad;

a shock delivery circuit coupled to the electrode pad; and

a processor coupled to the front-end and shock delivery circuits and operable to determine whether the patient is experiencing a shockable heart condition and to enable the shock-delivery circuit to deliver a shock to the patient via the electrode pads if the processor determines that the patient is experiencing a shockable heart condition,

wherein ~~said medical electrode connector~~the defibrillator further comprises means for detecting the magnetic field produced by the magnet when the ~~altering light received by a photosensor in the defibrillator, the altering of the light allowing said~~ medical electrode connector is connected to the defibrillator to identify the electrode pad type to the defibrillator.

11. (original) The defibrillator of claim 10 wherein the medical electrode connector is removably connectable to the defibrillator.

12. (currently amended) The defibrillator of claim 10 wherein the means for sensing further comprises means for sensing the number of magnets in the medical electrode connector ~~is removably connectable to the electrode pads~~.

13. - 16. (canceled)

17. (currently amended) A method of deploying a defibrillator comprising:

turning the defibrillator on;

attaching electrode pads to a patient;

inserting a cable connector containing a magnet which is associated with the electrode pads into a housing for receiving the cable connector within the defibrillator;

identifying the type of electrode pads based on ~~an identifier~~the magnet within the cable connector associated with the electrode pads, wherein said identifying step further comprises the step of ~~altering light received by a photosensor in the defibrillator, the altering of the light allowing the defibrillator to identify the type of electrode pads~~detecting the magnetic field of the magnet within the defibrillator; and

altering therapy delivered by the defibrillator based on the type of electrode pads identified~~; and~~

~~altering patient care instructions such as CPR based on the type of electrode pads identified~~.

18. (original) The method of claim 17 further comprising the step of: adjusting the amount of energy delivered to a patient in response to the electrode pad identification.

19. (original) The method of claim 17 further comprising the step of: lowering the amount of energy delivered to a patient if the electrodes are identified as infant electrodes.

20. (original) The method of claim 17 further comprising the step of: lowering the amount of energy delivered to a patient if the electrodes are identified as child electrodes.

21. (currently amended) The method of claim 17 further comprising the step of: following a default therapy protocol if the electrode identification ~~value~~ is not recognized.

22. (currently amended) The method of claim 17 further comprising the step of: following a default therapy protocol if no electrode identification ~~value~~ is ~~received~~recognized.

23. (currently amended) The method of claim 17 further comprising the step of: altering a CPR patient treatment protocol ~~such as CPR~~ to conform to the type of patient being treated.

24. (original) The method of claim 17 further comprising the step of: indicating use of the infant CPR protocol if the electrodes are identified as infant electrodes.

25. (original) The method of claim 17 further comprising the step of: indicating use of the child CPR protocol if the electrodes are identified as child electrodes.

26. (currently amended) The method of claim 17 further comprising the step of: following a default CPR protocol if the electrode identification ~~value~~ is not recognized.

27. (currently amended) The method of claim 17 further comprising the step of: following a default CPR protocol if no electrode identification ~~value~~ is ~~received~~recognized.

28. (original) The method of claim 17 further comprising the step of: indicating use of the CPR protocol recommended by the American Heart Association if the electrodes are identified as AHA electrodes.

29. (original) The method of claim 17 further comprising the step of: indicating use of the CPR protocol recommended by the European Resuscitation Council if the electrodes are identified as ERC electrodes.

30. (original) The method of claim 17 further comprising the step of: indicating use of the CPR protocol recommended by specific organizations if the electrodes are identified as electrodes specific to that organization.

31.-32. (canceled)

33. (new) The method of claim 17, wherein identifying the type of electrode pads further comprises identifying the number of magnets within the cable connector.

34. (new) The defibrillator of claim 10 wherein the medical electrode connector has a plurality of magnets to identify the electrode pad type to the defibrillator.